

REJECT 26 AUG

24 August 1965

Gentlemen:

Subject: Contract [REDACTED]

We are pleased to present our proposal P-5443 for the addition of a Polaroid MP-3 copy camera to be used with the Advanced Light Tables # 2 & 3 for the purpose of rapidly copying imagery of interest. The camera will be modified to readily adapt to the stereoscope mount on Light Tables # 2 & 3. When a section of imagery is observed that merits recording, the stereoscope can be removed and the camera quickly adapted to the Light Table. Prints of the target of interest can be produced in ten seconds.

STATINTL The copy camera will be purchased from Polaroid Corp. and modified by us to adapt to the stereoscope mounting post on either Light Table # 2 or 3. Mounting will be simple and positive. The focus adjustment will be designed to provide rapid and positive camera focus.

STATOTHR We hope that you will be receptive to accepting this important and useful addition to the units at a cost of [REDACTED]. Should you have further questions STATINTL on our proposal, please contact [REDACTED] at Area Code 814, 238-4311. We will be pleased to answer any questions which you may have on this proposal.

Very truly yours,

STATINTL [REDACTED]  
Contract Administration

JEH:cs

DECLASS REVIEW BY NIMA / DoD

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ADVANCED FILM VIEWING LIGHT TABLE  
A PROPOSAL FOR A COPY CAMERA INSTALLATION

Camera Installation: General

This proposal covers the installation of a polaroid MP-3 copy camera (see Figure 1) to the Advanced Light Tables for the rapid reproduction of imagery. The addition of this feature will enable the interpreter to rapidly copy targets of interest directly from the imagery. Two examples of MP-3 photographs are shown in Figure 2 of this proposal. The MP-3 is virtually a photographic studio itself, finishing most jobs in seconds without a darkroom. The camera will be modified extensively to mount to the precision stereoscope carriage on tables #2 and 3. When imagery is to be photographed, the stereoscope will be removed and the camera installed on the stereoscope mounting post. Focus will be accomplished by moving the camera up and down the post. A positive lock will be provided to rigidly hold the camera to the mounting post. The optical axis of the camera can then be shifted over the entire range of the light table in X and Y by moving the coarse and fine stereoscope carriage movements.

MP-3 Copy Camera:

The Polaroid MP-3 copy camera can be used to perform a multitude of photographic tasks. The camera is capable of reproducing imagery in color or black and white from either positives or negatives. The imagery can be reproduced in the following formats:

1. Polaroid land roll film (color, black and white, transparency)
2. Polaroid land pack film (color, black and white)
3. Polaroid land 4 X 5 film (color, black and white)
4. Conventional 4 X 5 film
5. Conventional roll film (35 mm, 70 mm and 90 mm)

Focusing of the camera is accomplished through a hooded reflex viewer with the picture right-side-up on a ground glass screen. The viewing hood is adjustable, thus keeping out stray light. The hood tilts vertically so that eyelevel viewing is possible no matter what the height of the camera on the column.

Two 3-1/4 X 4-1/4 photographs were made from 70 mm imagery illuminated from a light table of approximately 200 ft-lamberts intensity with the MP-3 camera at 1/8 sec. F/22 (see Figure 2). No other light source was used. The resulting pictures, when compared with the original imagery, reproduced the film in excellent detail.

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Camera Modification and Installation:

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The mounting frame and focus adjustment will be modified by to allow for quick and easy mounting to the precision stereoscope adjustment carriage on light tables #2 and 3 (see Figure 1). The tilt mechanism on the camera will be removed. A mounting bracket will be added to readily adapt to the stereoscope mounting post.. The camera will be equipped with a handle to facilitate easy mounting by the operator. A friction-type lock will rigidly hold the camera to the mounting post.

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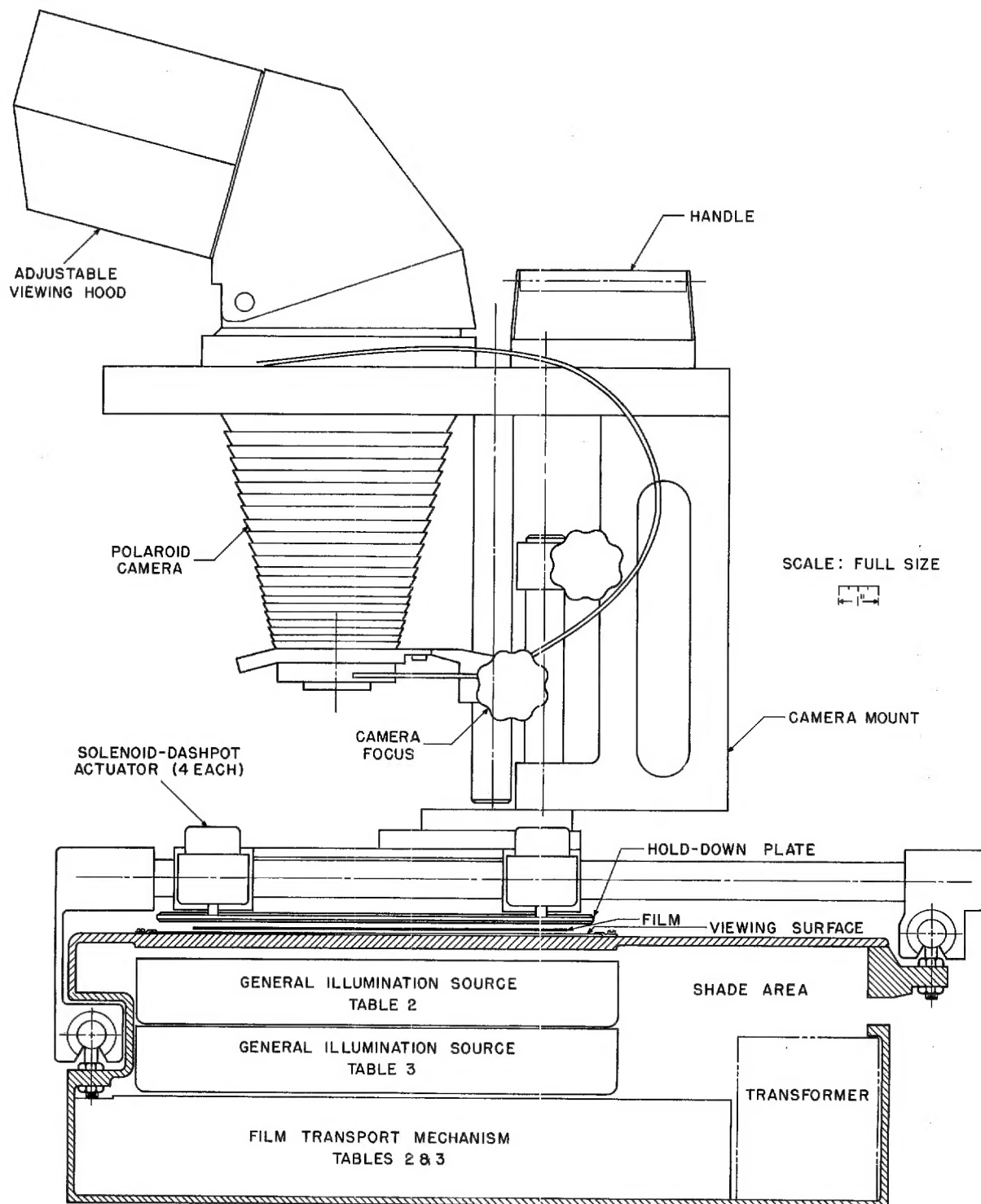


FIG. 1 CAMERA MOUNTING

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